







## **German Climate and Energy Policy**

#### **Central Pillars**

- Long-term climate and energy policy up to 2050 aimed at funda-mentally restructuring the energy system, but also other sectors.
- Transition towards a highly efficient renewable energy system as an opportunity for the generations to come.
- Climate and energy targets, cap and trade, renewable energy sources and energy efficiency combined with an ambitous and transparent monitoring scheme.
- Focus on innovation and advanced technologies, on effective and costefficient measures in line with market and competition principles.
- Generation of strong economic opportunities and thus growth and jobs in Germany.
- Based on a top down as well as on a bottom up approach.





## **National Climate Initiative (NKI)**

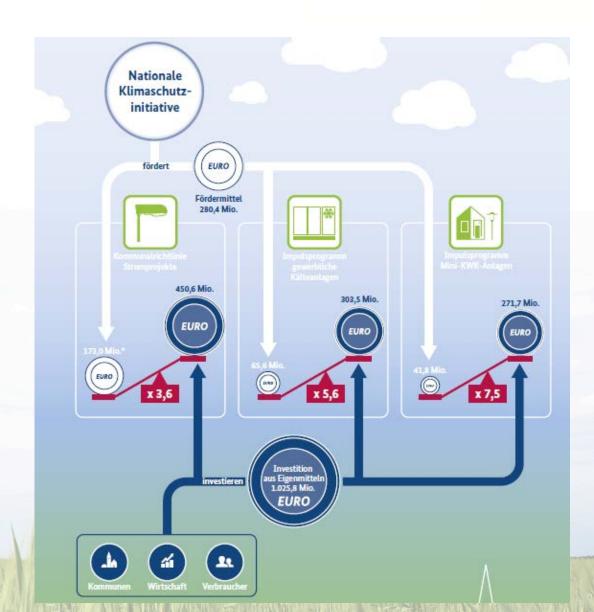
- The NKI focusses on the implementation of national climate targets:
  - 2020 40 % GHG emissions
  - 2030 55 % GHG emissions
  - 2040 70 % GHG emissions
  - 2050 80 to 95 % GHG emissions (in all four cases below 1990 level)
- The aim is to develop and implement a comprehensive long-term strategy
- Support for the achievement of the short-term 2020 goal needs to be enhanced (Action Programme Climate Change 2020)
- Element of the Climate Protection Plan 2050
- The NKI is part of a bottom up approach/bottom up policy

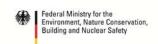




## **Target Groups**

- Private Households
- Educational Institutions
- Businesses
- Municipalities







# Strategic framework for supporting climate action at municipal level

- The Municipal Directive (KRL) provides funding for the drafting of climate strategies (local climate concepts), hiring personnel for climate action management and for implementing climate measures in municipalities.
- Innovative special projects (lighthouse projects) have assisted the municipalities to take climate action, to make use of funding (e.g. "SK:KK", "Climate Dialogue") and to develop instruments and programs for shaping and further developing municipal climate action (e.g. "Klimaschutz Planer")
- Conceptual projects to advance the National Climate Initiative and Evaluation

## **Actors and Projects**







Municipal Directive



Innovative special projects for climate action

Conceptual & evaluation projects

**Advancement of National Climate Initiative** 



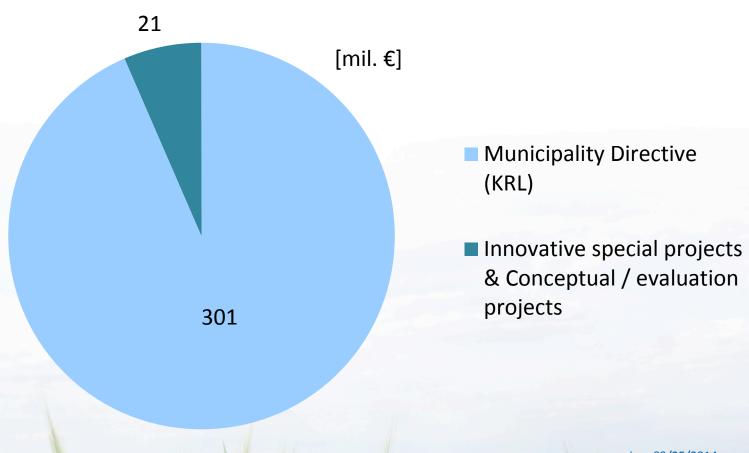
Project Management Jülich (PtJ)







## Funding of Municipalities 2008 - 2013







## Municipal Directive (KRL), funding structure

CAM educational projects

Targets in **2020/50** 

- Lighting
- Air conditioning
- Mobility
- Landfill

Investment measures

Climate action

management (CAM)

CAM designated measure

Climate action concepts

Climate action guidance



## **Climate Action Concepts**

### Integrated climate action concept

### Concepts with focus on...

Land use management

Energy management in buildings

Renewable energies

Urban waste

Adaptation

Mobility

Heat supply

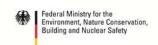
Drinking water supply

**Innovation** 

Industrial & commercial areas

Green-IT

Urban waste water

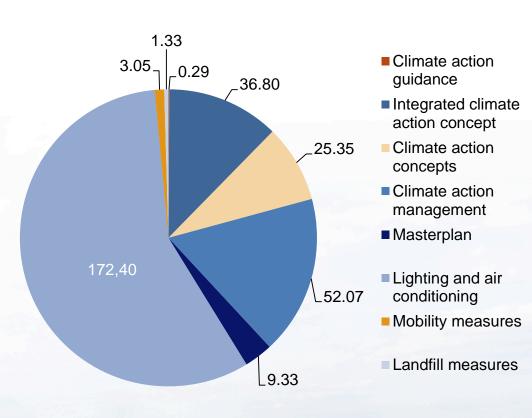




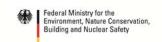
## **Municipal Directive 2008 - 2013**

#### Funding [mil. €]

		Funding
Funding objective	No.	[mil. €]
Climate action guidance	38	0.29
Integrated climate action concept	674	36.80
Climate action concepts	744	25.35
Climate action management	378	52.07
Masterplan	20	9.33
Lighting and air conditioning	4,071	172.40
Mobility measures	34	3.05
Landfill measures	6	1.33
Total	5,965	300.62

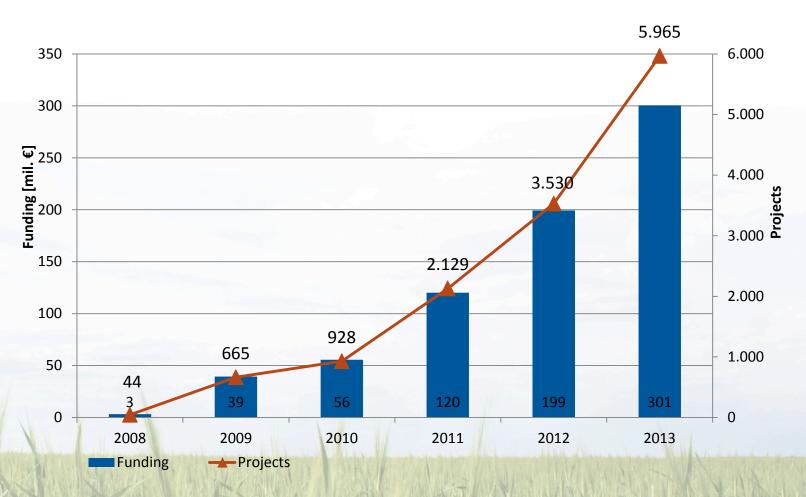


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## **Municipal Directive 2008 – 2013**

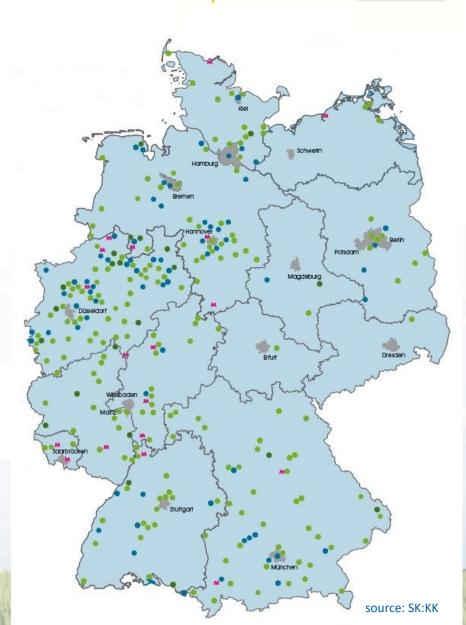


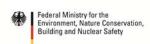


## **Climate Action Management**

- By mid 2014 about 290 CAM
- Urban Rural gap
- West East gap
- Strategic Investment gap

- CAM
- CAM educational projects
- Masterplan 100% climate protection







Listensicht

### **Database**

Website will be launched shortly on:

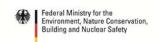
http://www.klimaschutz.de/...

#### Klimaschutzprojekte in Deutschland

Nationale Klimaschutzinitiative vor Ort



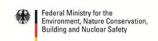






# Challenges of developing strategies for municipal climate action (1)

- Continued mutual exchange of strategic projects.
- Evaluating project outcomes for further development of national climate initiative (Municipal Directive, innovative special projects, conceptual & evaluation projects).
- Evaluating project outcomes for municipalities (e.g. as a helping hand to municipalities, as a tool for climate action managers, as an investment measure).





# Challenges of developing strategies for municipal climate action (2)

- Avoiding development of duplicate structures (offers of consultation / municipality websites, good practice criteria for municipal climate action).
- Ensuring uniform regional distribution among the Federal Länder.
- Mobilizing approx. 12,000 municipalities e.g. how can the public relations work required under the Municipal Directive (through Climate Dialogue, SK:KK, www.klimaschutz.de, PtJ) be made more effective?